

Amendments to the Specification

Please replace the Abstract beginning on page 17, line 2 and ending on page 17, line 20 with the following paragraph:

A method for fuel cell system thermal management includes: maintaining a first zone at a first selected temperature range, maintaining a second zone at a second selected temperature range, and maintaining a third zone at a third selected temperature range. The second zone is in thermal communication with a first sensor and comprises a reformer, while the third zone is in thermal communication with a second sensor and comprises a fuel cell stack. The second selected temperature range is greater than the first selected temperature range, while the third selected temperature range is greater than the second selected temperature range. The method may further include sensing a second zone temperature in the second zone, determining whether the second zone temperature is at the second selected temperature range, and adding a process air flow to the second zone if the second zone temperature rises above the second selected temperature range. A thermal management system for use with an auxiliary power unit includes a first air control valve in fluid communication with a process air supply and a fuel reformer zone, the first air control valve in operable communication with a controller; a second air control valve in fluid communication with a process air supply and a hot zone, the second air control valve in electronic communication with the controller; a reformer zone temperature sensor in thermal communication with the fuel reformer and in operable communication with the controller; a hot zone temperature sensor in thermal communication with the hot zone and in operable communication with the controller; a first outlet at the reformer zone; and a second outlet at the hot zone.